

WHAT IS CLAIMED IS:

1. A printer which inputs print information from an information processing apparatus connected to the printer and performs print processing based on the print information, comprising:

holding means for holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

change means for changing the identification information held in said holding means in accordance with attachment status of an optional device for expanding function of said printer; and

identification-information output means for outputting the identification information held in said holding means, in correspondence with a request from said information processing apparatus.

2. The printer according to claim 1, further comprising request causing means for causing said information processing apparatus to issue an identification-information request to said printer when said optional device has been attached to said printer.

3. The printer according to claim 1, further

comprising print means for performing printing based on the print information inputted from said information processing apparatus.

5 4. The printer according to claim 1, wherein said  
change means changes the identification information  
when a power of said printer has been turned on.

5. The printer according to claim 1, wherein said  
10 change means changes the identification information  
at predetermined periods.

6. The printer according to claim 1, wherein said change means changes the identification information  
when said optional device has been attached to said  
printer.

7. The printer according to claim 1, wherein said  
change means changes the identification information  
20 in correspondence with the request from said  
information/processing apparatus.

8. The printer according to claim 1, wherein the  
identification information held in said holding means  
25 can be changed from a control panel.

9. A printing system in which an information processing apparatus and a printer, that inputs print information and performs printing based on the inputted print information, are connected, said  
5 printer comprising:

holding means for holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

10 change means for changing the identification  
information held in said holding means in accordance  
with attachment status of an optional device for  
expanding function of said printer; and

15 identification-information output means for  
outputting the identification information held in  
said holding means, in correspondence with a request  
from said information processing apparatus.

10. The printing system according to claim 9,  
20 wherein said printer further comprising request  
causing means for causing said information processing  
apparatus to issue an identification-information  
request to said printer when said optional device has  
been attached to said printer.

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11. / The printing system according to claim 9,

wherein said printer further comprising print means for performing printing based on the print information inputted from said information processing apparatus.

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12. The printing system according to claim 9, wherein said optional device has memory means for storing the identification information of said optional device.

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13. The printing system according to claim 9, wherein said information processing apparatus further comprises driver-change means for changing a driver for said printer in accordance with the identification information outputted from said printer.

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14. The printing system according to claim 9, wherein said optional device has a barcode corresponding to the identification information of said optional device.

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15. The printing system according to claim 9, wherein the identification information held in said holding means may be changed from a control panel.

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16. A printing method for a printer which inputs print information from an information processing apparatus connected to the printer and performs print processing based on the print information,

5 comprising:

a holding step of holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

10           a change step of changing the identification  
information held at said holding step in accordance  
with attachment status of an optional device for  
expanding function of said printer; and

an identification-information output step of  
15 outputting the identification information held at  
said holding step, in correspondence with a request  
from said information processing apparatus.

17. The printing method according to claim 16,  
20 further comprising a request causing step of causing  
said information processing apparatus to issue an  
identification-information request to said printer  
when said optional device has been attached to said  
printer.

18/ The printing method according to claim 16,

further comprising a print step of performing printing based on the print information inputted from said information processing apparatus.

5 19. The printing method according to claim 16, wherein at said change step, the identification information is changed when a power of said printer has been turned on.

10 20. The printing method according to claim 16, wherein at said change step, the identification information is changed at predetermined periods.

21. The printing method according to claim 16,  
15 wherein at said change step, the identification information is changed when said optional device has been attached to said printer.

22. The printing method according to claim 16,  
20 wherein said at change step, the identification information is changed in correspondence with the request from said information processing apparatus.

23. A computer-readable storage medium holding  
25 program codes for a printer which inputs print information from an information processing apparatus

connected to the printer and performs print processing based on the print information comprising:

5        program codes for holding process for holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

10       program codes for change process for changing the identification information held at said holding process in accordance with attachment status of an optional device for expanding function of said printer; and

15       program codes for identification-information output process for outputting the identification information held at said holding process, in correspondence with a request from said information processing apparatus.

20    24.    The computer-readable storage medium according to claim 23, further comprising program codes for request causing process for causing said information processing apparatus to issue an identification-information request to said printer when said  
25    optional device has been attached to said printer.

